

WALLCOAT

ELASTIC ACRYLIC WATERPROOFING
FOR EXTERIOR WALLS

PRODUCT DESCRIPTION

WALLCOAT is a next-generation acrylic waterproofing coating enhanced with UV-resistant and anti-ageing additives, delivering outstanding durability under severe weather conditions. Once cured, the product forms a continuous, seamless membrane of high elasticity that effectively bridges micro-cracks and maintains stable waterproofing performance over time. The membrane not only prevents water ingress but also limits the effect of corrosive agents such as industrial emissions, providing long-term protection to concrete and masonry. With its alkali resistance, UV resistance and strong adhesion to a wide range of substrates, the product is particularly suited to external walls requiring long-lasting durability and appearance — an optimal solution for residential and industrial projects that need an effective, stable and easily applied waterproofing system.

CLASSIFICATION · CERTIFICATION
EN 14891 DMP



ILLUSTRATIVE IMAGE Rolling WALLCOAT elastic waterproofing onto an external wall



ILLUSTRATIVE IMAGE Building façade after the application of WALLCOAT

USES

- Effective waterproofing of external walls on residential and high-rise buildings
- Protects external factory walls in industrial zones against environments with high levels of emissions and corrosive agents
- Refurbishment and waterproofing of previously painted wall surfaces that have developed cracking and water ingress
- Forms a protective membrane limiting the ingress of water, moisture and polluting gases
- Contributes to a longer service life and maintains the appearance of the surface over time

SUITABLE SUBSTRATES

- Concrete (cast in-situ or ready-mixed)
- Render and cement mortar layers with a strength of ≥ 10MPa
- Existing cementitious or bituminous waterproofing systems that remain well bonded
- Previously painted wall surfaces (sound and free of flaking)

TECHNICAL DATA

Property	Standard	Result at a coverage of 0.6kg/m²
Adhesion strength to concrete after 28 days	ASTM D7234-21	≥ 1.5MPa
Adhesion strength after 28 days of heat aging		≥ 2.0MPa
Maximum tensile strength	ASTM D412-16(2021)	≥ 2.5MPa
Elongation at break after 28 days		100% ± 15%
Watertightness (150kPa water pressure for 7 days)	BS EN 14891:2017	No penetration
Crack bridging ability		≥ 2.5mm

The above results and recommendations are based on laboratory testing; actual performance may vary depending on the application method and specific site conditions

QUICK SPECIFICATIONS

PACKAGING	05kg/pail and 20kg/pail
COLOUR	White, grey and custom colours on request
SHELF LIFE	24 months (unopened container)
COVERAGE	0.3 - 0.6kg/m²: previously painted surfaces 0.6 - 0.9kg/m²: new walls
WAITING TIME BETWEEN COATS	20 - 45 minutes (or longer depending on site conditions; touch dry)

SAFETY INFORMATION

- **Skin and eyes:** the product is alkaline and, in contact with perspiration or body fluids, may cause skin irritation or an allergic reaction in sensitive individuals; it may cause serious eye damage on direct contact
- **Eye contact:** rinse immediately under gently running clean water for 10 - 15 minutes without rubbing; if stinging persists, go to the nearest medical facility
- **Protective equipment:** Gloves · Safety goggles and dust mask (when mixing the product or dry-grinding the substrate) · Protective clothing
- **Working environment:** work in a well-ventilated area; avoid confined spaces, children and pets; avoid inhaling dust when preparing the substrate by dry grinding
- **Surplus material:** reseal the container after use for best storage; do not discharge into drains — allow to dry and dispose of as construction waste
- Refer to the latest **Safety Data Sheet (SDS)** on the official BUMATECH website, or contact the technical department

PRECAUTIONS & DISCLAIMER

- DO NOT use over movement joints, structural cracks or locations with differential vertical displacement; DO NOT use over cracks wider than 1.0mm
- DO NOT apply at more than 0.5kg/m² per coat; DO NOT apply when the substrate moisture content exceeds 6% or the surface temperature is below dew point + 3°C
- DO NOT use in locations subject to negative hydrostatic pressure or high rates of moisture vapour transmission; DO NOT apply directly to lightweight concrete (AAC panels, AAC blocks and similar)
- The figures in this document were established by laboratory testing under standard conditions; actual values vary with temperature, humidity, accompanying materials, application method and workmanship. The user is responsible for verifying suitability for the intended use
- BUMATECH accepts no liability for loss arising from misuse, application contrary to these instructions, or combination with incompatible materials not confirmed in writing, and reserves the right to update technical information without prior notice. Check the latest TDS version on the website before every project

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